



Pikes Peak Regional Building Dept (Conveyance Division)
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 Colorado Springs, CO 80910

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Traction Elevator Safety Test and Inspector Witness Report

General Information

Building:	Manufacturer:	State Registration CP #
Address:	City:	Zip: Permit #
Install Date:	Stops:	Capacity: (lbs) Serial #
Rated Speed:	(fpm) Passenger Freight (Circle One)	Inspector Present ? Yes No (Circle One)
Test Date:	Test Type:	Acceptance Cat 1 Cat 1 and Cat 5 Witness Construction Use (Circle One)

Testing and Inspection Components

NOTE: All Category 1 and Category 5 Test Items are to be performed during an Inspector Witness Test when applicable

Category 1 Test Items: <i>Performed Annually, at Witness Test and Acceptance Test</i>			Safety Type: A B C <i>(Circle One)</i>		
Pass	Fail	N/A	Pass	Fail	N/A
		Ascending Car Over Speed: (no load up)			Phase I: signage
		Buffer: Car (oil) return (90 seconds)			Phase II: operation
		Buffer: CW (oil) return (90 seconds)			Phase II: signage
		Door: closing force () Fr. () Rr. (lb/force)			Safety: Car (no load-slow speed)
		Door: interlock-gate switch			Safety: CW (no load-slow speed)
		Door: reopening device			SIL: rated device functionality
		Door: restrictors			SIL: written checkout procedure
		Emerg / Standby / Aux Batt / Power:			Stop Switches: pit, m-room, car, car top, escape hatch, sos, etc.
		Emerg Communication: (w/ all power disconnected)			Susp Means: broken member detection
		Governor: manual operation			Susp Means: residual strength detection
		Limits: directional and final (up and down)			Susp Means: slack rope device
		Limits: normal terminal slowdown devices (NTSD)			Traction Loss or Detection Means
		Phase I: recall operation			Unintended Motion: (no load up)

Category 5 Test Items: *Performed at Witness Test and Acceptance Test*

Pass	Fail	N/A		Pass	Fail	N/A	
			Brake: emerg stop down (125% rated load/rated speed)				Inner landing zone
			Brake: lower and hold (125% rated load)				Leveling zone and speed
			Buffer: Car (oil) (rated load/rated speed)				Limits: emerg speed-limiting/slow down devices (ETSD)
			Buffer: CW (oil) (no load/rated speed)				Safety: Car (rated load/rated speed)
			Governor: adjustments sealed				Safety: CW (no load/rated speed)
			Governor: electrical trip speed () fpm				Safety: rail-slide () inches
			Governor: mechanical trip speed () fpm				Safety: car out of level
			Governor: pull thru force () lb/force				Unintended Motion: (125% rated load down)

Inspection Items:

Pass	Fail	N/A		Pass	Fail	N/A	
			Buffer: Data Plate				Electrical: jumpers removed
			Cleanliness: machine room, car top, pit				Emergency light & alarm bell:
			Directional Lantern: (audible and visual)				Keys available: machine room, control room , car
			Door: guides (gibbs)				MCP / Unique Procedures complete:
			Door: safety retainers				Susp Means: under-sized / wear / wire breaks

Comments:

Acceptance: All items not listed above performed per ASME 8.10.2 and Manufacturers Unique Inspection Procedures ? Yes No N/A

Certifications

By signing below, I certify that all statements are true to the best of my knowledge and that all testing and witnessing was performed according to current State of Colorado Conveyance Regulations and the appropriate edition of ASME A17.1 Sections 8.6, 8.10 and 8.11.

Mech Name:		Contractor Company Name:	
Mech Sign:		Date:	State License #:
Insp Name:		Inspection Company Name:	
Insp Sign:		Date:	State License #: